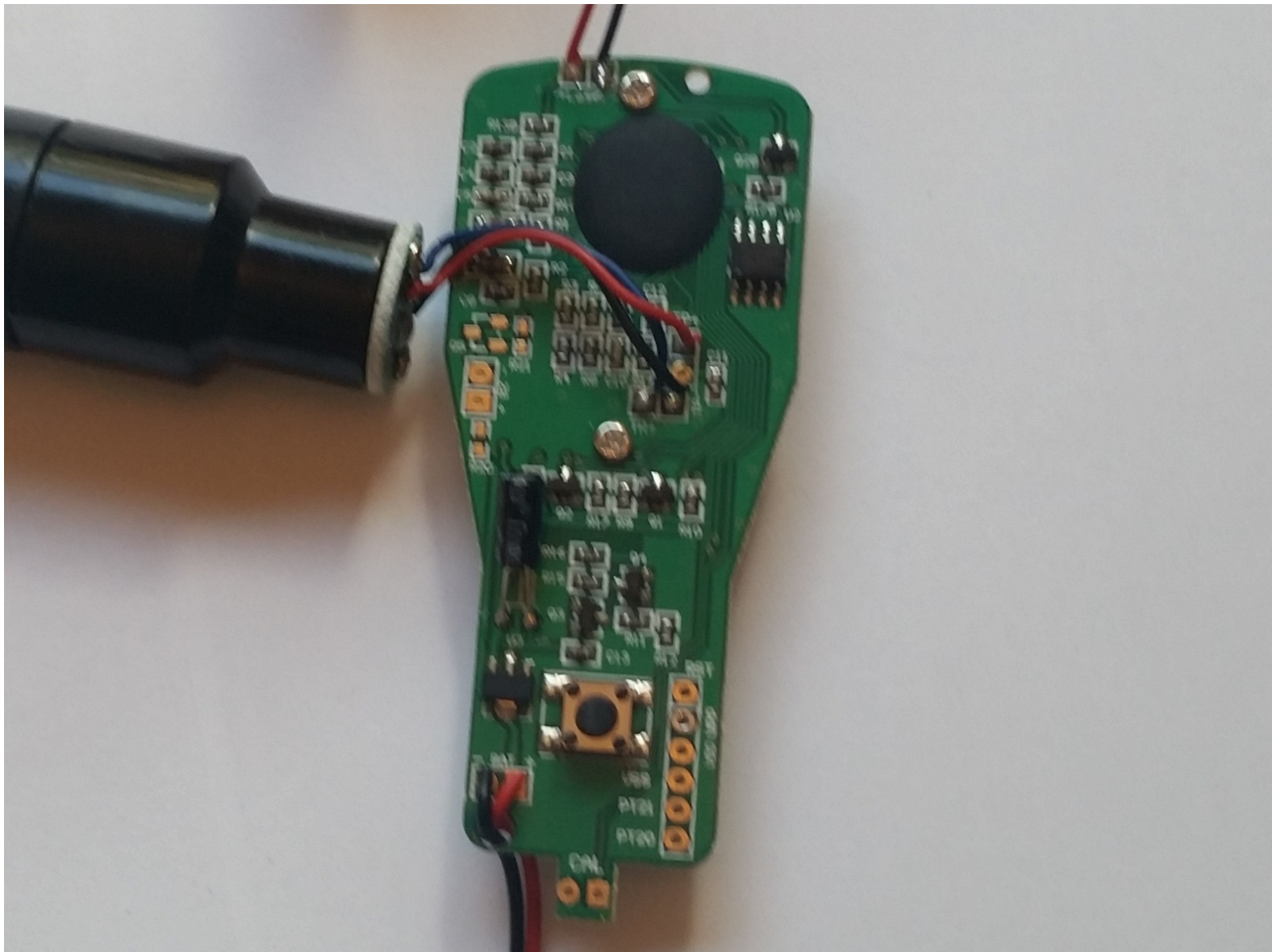




Etekcity Lasergrip 1080 Motherboard Replacement

The problem with the device goes above every other possibility and the motherboard needs to be replaced.

Written By: Patrick Crawford



INTRODUCTION

This guide will show how to remove everything from the motherboard and have it by itself for replacement. This guide should only be necessary if nothing else works. It is a last resort as the motherboard is the least likely to malfunction. The tools needed are a screwdriver and soldering iron. The soldering iron will become very hot, so that is a potential hazard. For those who are not comfortable soldering, there is a link to a soldering guide in the Troubleshooting section of the device page.



TOOLS:

- [Phillips #0 Screwdriver](#) (1)
 - [Phillips #00 Screwdriver](#) (1)
 - [Phillips #1 Screwdriver](#) (1)
 - [iFixit Opening Tools](#) (1)
 - [Soldering Station](#) (1)
-

Step 1 — Battery



- Pull the lid away from the handle.

i The battery needed is a 9V.

Step 2



- Gently pull the battery out of the handle.

! Be careful with the wires as they are easily breakable.

Step 3



- Disconnect the battery by pulling the connector away from it.

- Positive first
- Negative second

 When replacing the battery, this order is reversed. Follow these steps to avoid being shocked.

Step 4 — Buttons



- Gently pull the handle cover off of the device.

⚠ Pull straight down so that it does not break.

Step 5



- Use the plastic opening tool to remove the two yellow covers from the device.

⚠ When pulling off the back cover, be careful to not lose the buttons as they are not connected to it but they just sit there.

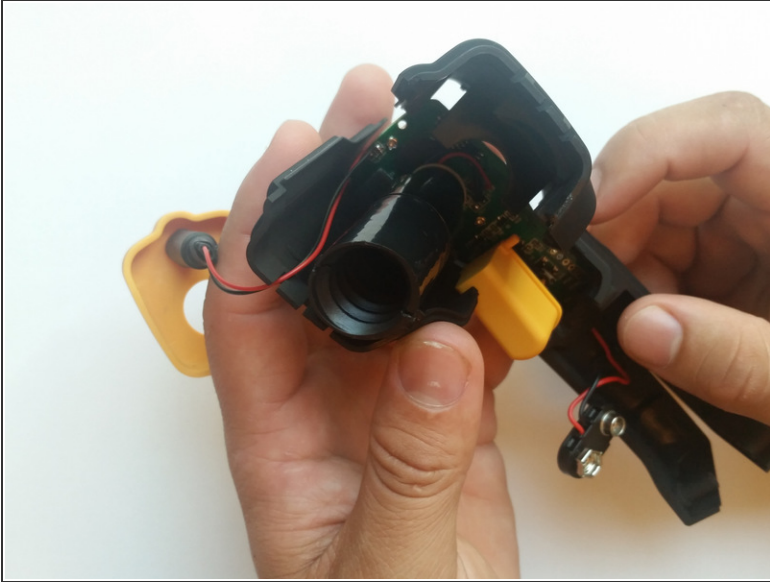
ℹ This will take a lot of force, so don't hesitate to use some strength.

Step 6



- Remove the two 3.1 mm Phillips #0 screws.

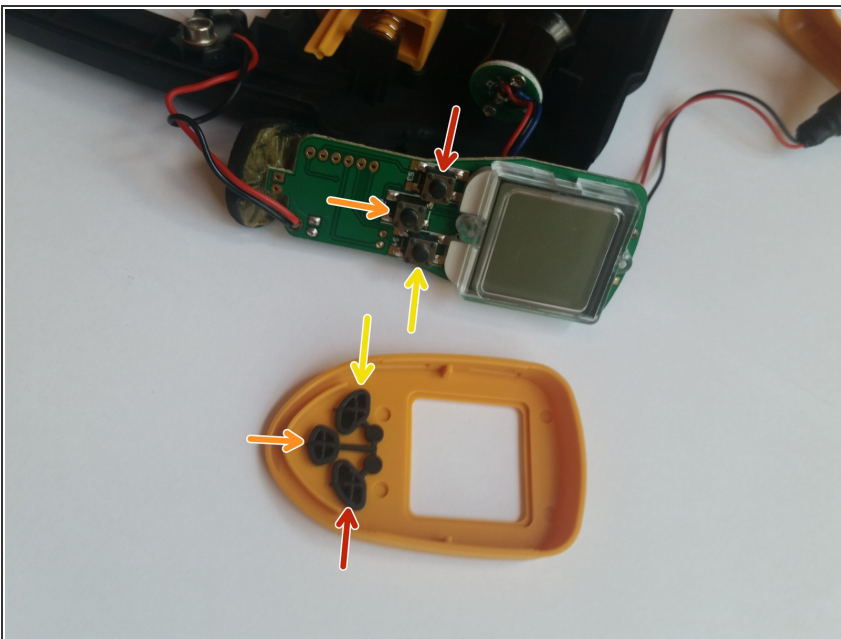
Step 7



- Pull the two halves apart.

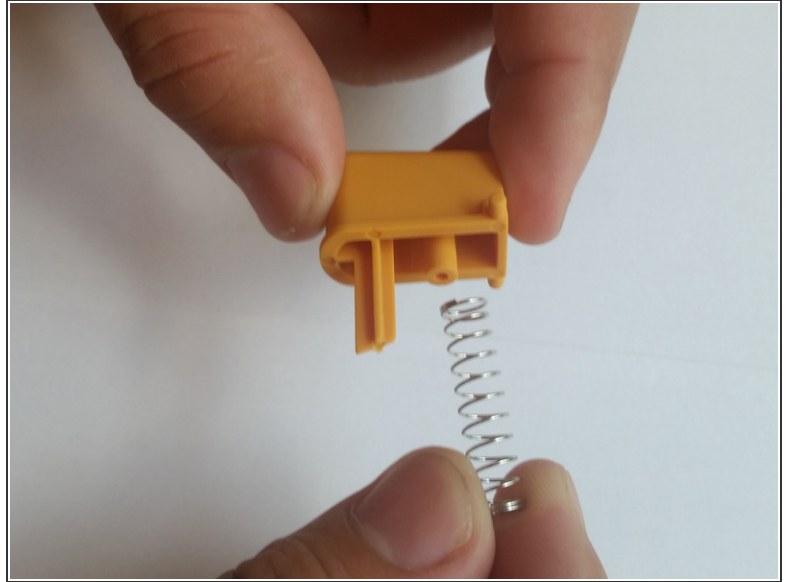
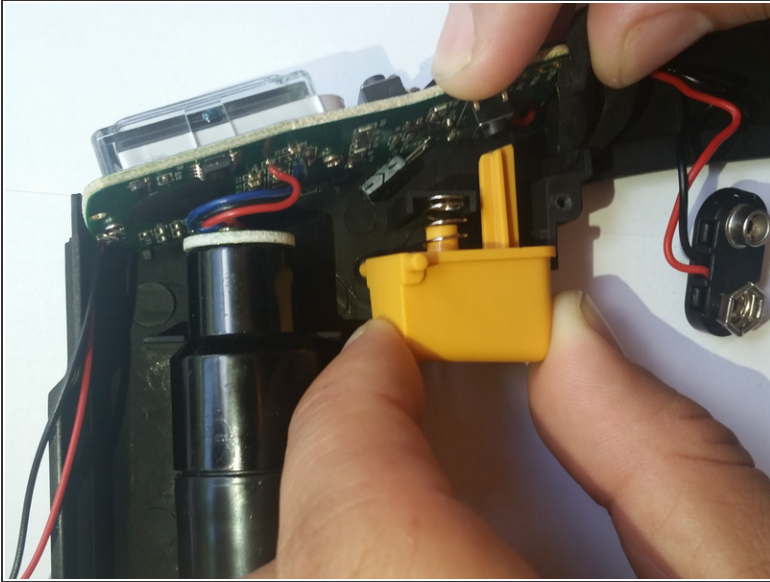
⚠ The components are loose on the inside so be careful not to lose any.

Step 8



- Realign the buttons with the button terminals.
- ⓘ Red terminal to red button, orange terminal to orange button, yellow terminal to yellow button.

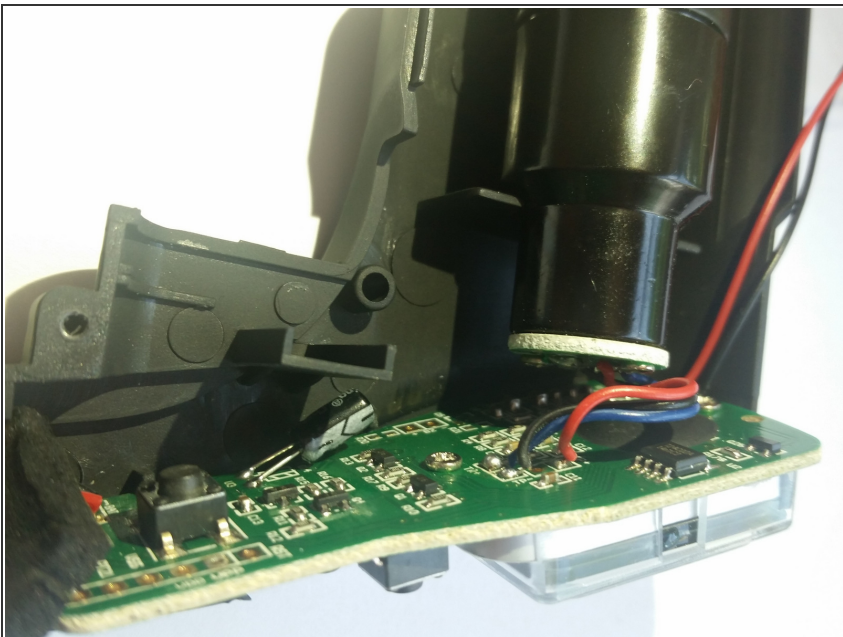
Step 9 — Etekcity Lasergrip 1080 Trigger Replacement



- Carefully pull the trigger out.

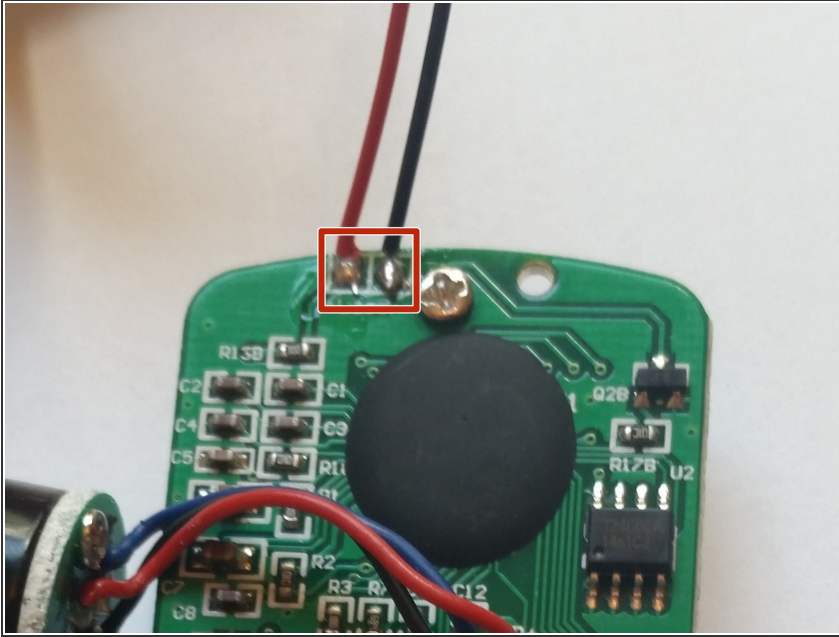
- ⚠ The trigger is spring loaded, so be careful that you do not lose the spring as you pull the trigger out.
- ℹ To put the trigger back in, align the peg with the hole in the handle and align the shaft with the button terminal.

Step 10 — Laser



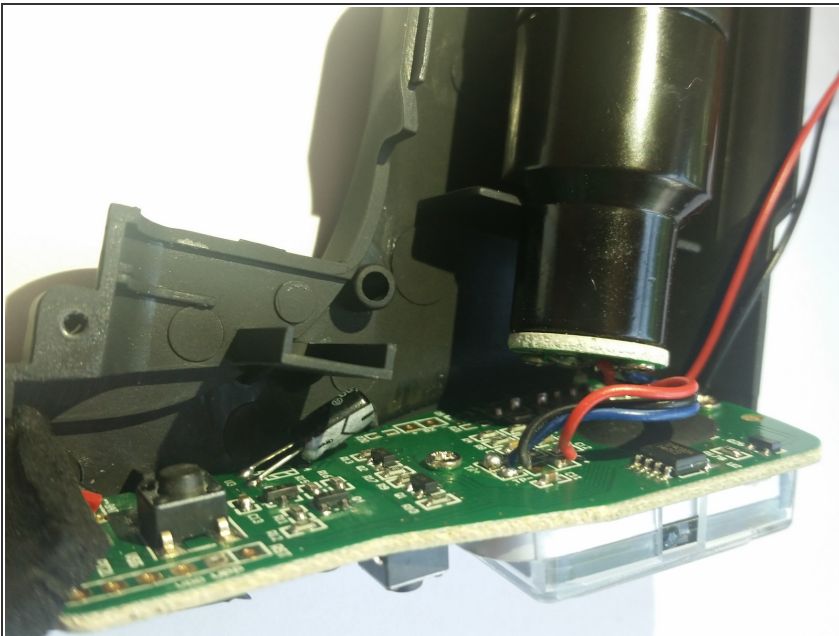
- Pull the motherboard out of its slot in the device.

Step 11



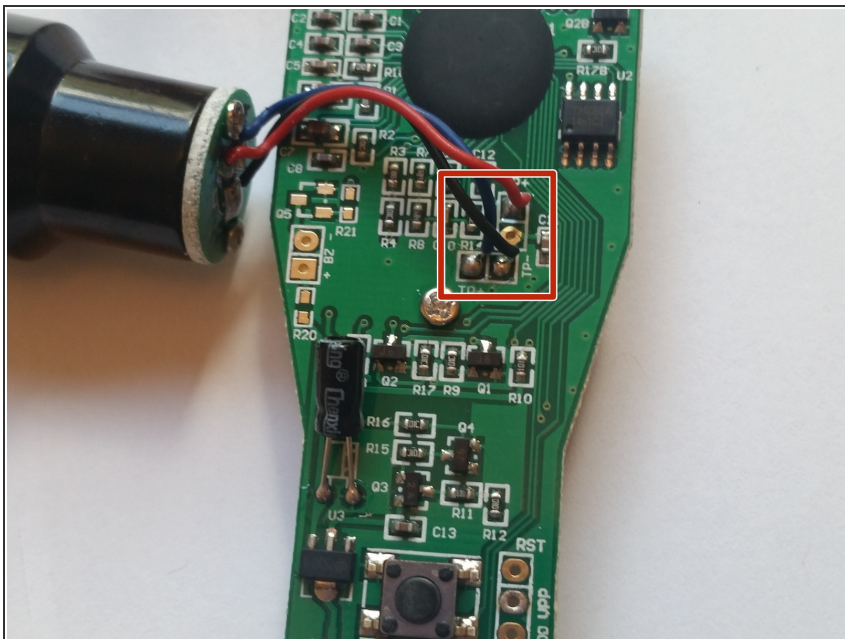
- Use a soldering iron to melt the solder that holds the wires for the laser to the motherboard.
- ⚠ Soldering irons are hot and should only be handled by those who know what they are doing and are wearing proper safety equipment. There is a link to a soldering guide in the Troubleshooting section of the device page.

Step 12 — Sensor



- Pull the motherboard out of its slot in the device.

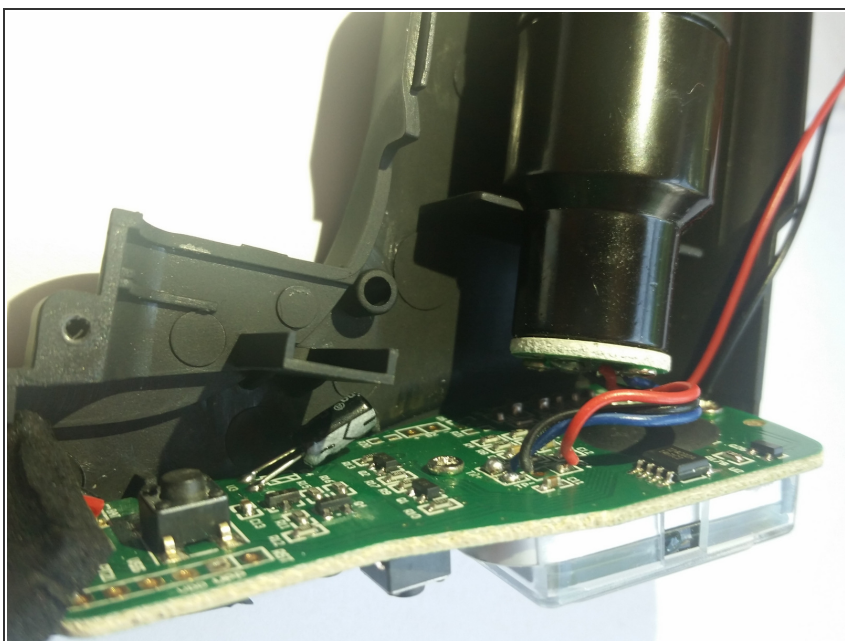
Step 13



- Using a soldering iron, melt the solder that holds the wires for the sensor to the motherboard.

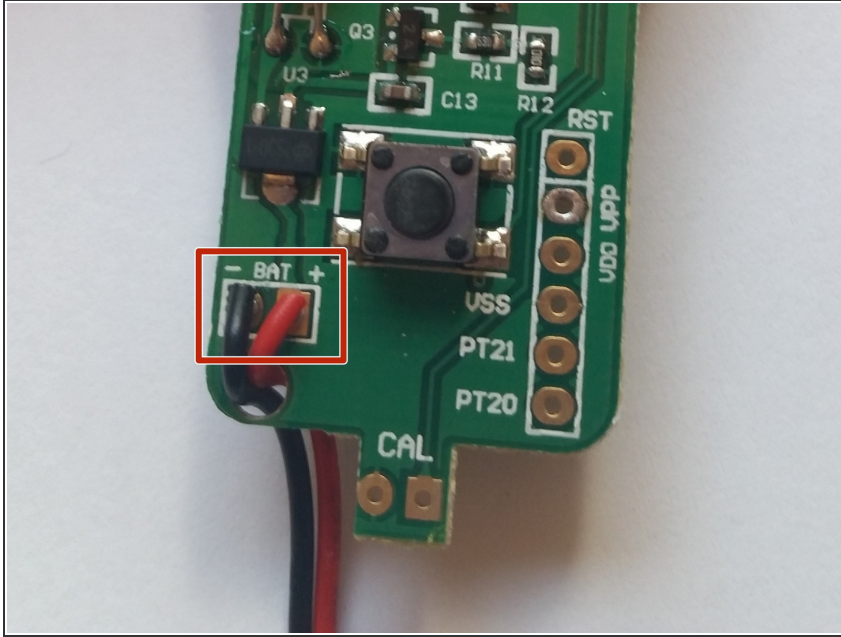
⚠ Soldering irons are hot and should only be handled by those who know what they are doing and are wearing proper safety equipment. There is a link to a soldering guide in the Troubleshooting section of the device page.

Step 14 — Battery Connector



- Pull the motherboard out of its slot in the device.

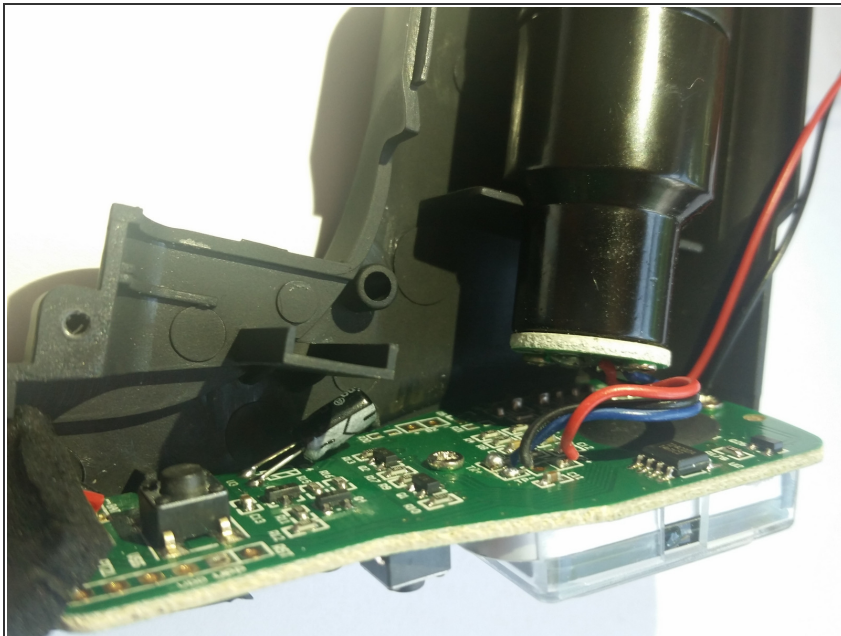
Step 15



- Use a soldering iron and melt the solder where the battery connector's wires are attached to the motherboard.

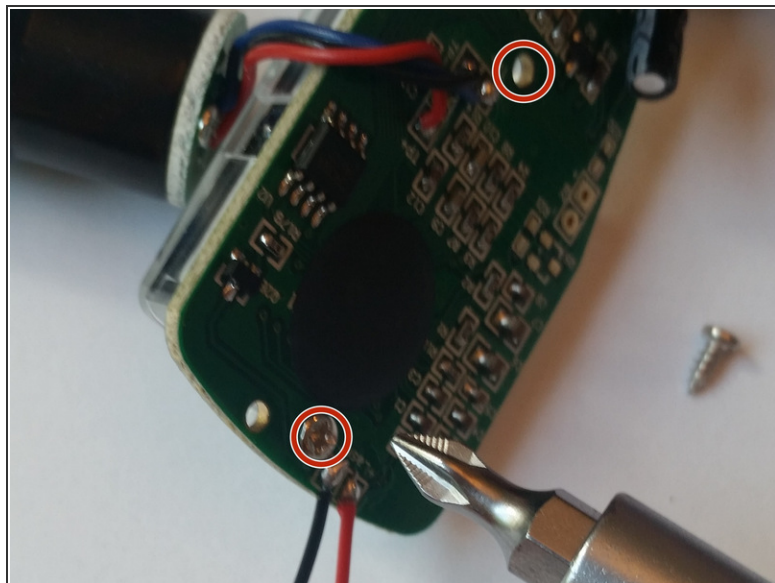
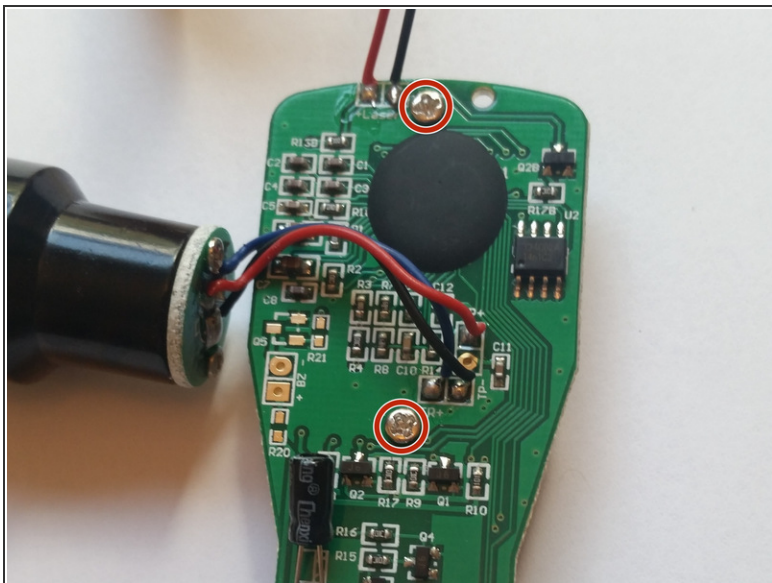
⚠ Soldering irons are hot and should only be handled by those who know what they are doing and are wearing proper safety equipment. There is a link to a soldering guide in the Troubleshooting section of the device page.

Step 16 — Screen



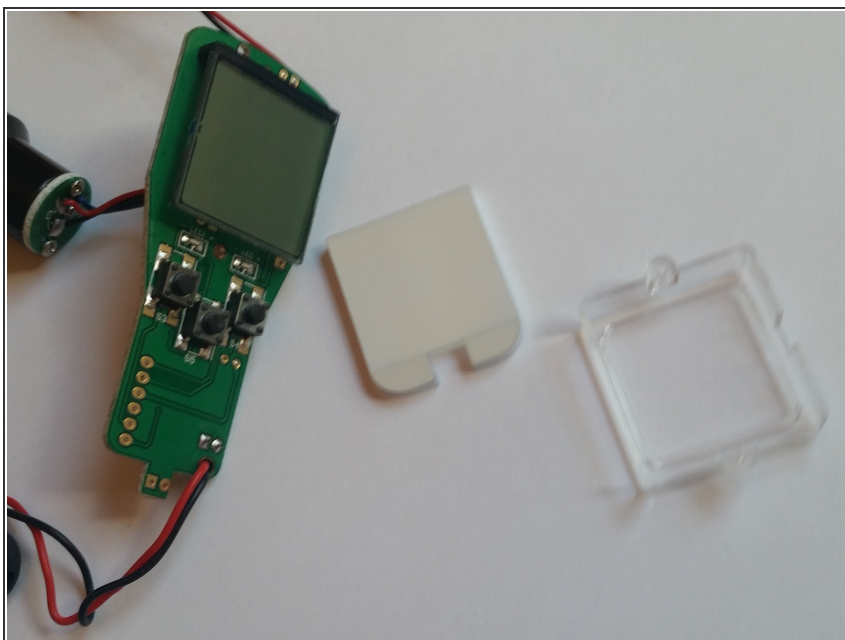
- Carefully pull the motherboard out of its slot in the body of the device.

Step 17




- Unscrew the two 3.4 mm screws on the motherboard.

Step 18



- Take off the cover and separate the parts.

 All of these parts are fragile and mishandling them may cause damage.

To reassemble your device, follow these instructions in reverse order.

